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December 3, 2014

14-NWP-239

Mr. Kevin W. Smith, Manager
Office of River Protection
United States Department of Energy
PO Box 450, MSIN: H6-60
Richland, Washington 99352

Mr. Frank Armijo, President
Mission Support Alliance, LLC
2490 Garlick Boulevard, MSIN: H1-30
Richland, Washington 99354

Ms. Stacy Charboneau, Manager
Richland Operations Office
United States Department of Energy
PO Box 550, MSIN: A7-50
Richland, Washington 99352

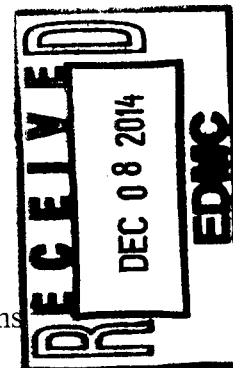
Mr. Michael H. Schlender, Associate Director
Pacific Northwest National Laboratory
PO Box 999, MSIN: K1-46
Richland, Washington 99352

Ms. Peggy McCullough, Project Director
Bechtel National, Inc.
2435 Stevens Center Place, MSIN: H4-02
Richland, Washington 99354

Mr. Scott M. Sax, President
Washington Closure Hanford, LLC
2620 Fermi Avenue, MSIN: H4-24
Richland, Washington 99354

Mr. John C. Fulton, President and CEO
CH2M HILL Plateau Remediation Company
PO Box 1600, MSIN: H7-30
Richland, Washington 99352

Mr. Dave Olson, President
Washington River Protection Solutions
PO Box 850 MSIN: H3-21
Richland, Washington 99352



Re: United States Department of Energy's Letter 15-ESQ-0001, Dated October 10, 2014, "Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act Permit (Permit), Quarter Ending September 30, 2014"

Dear Ladies and Gentlemen:

The Department of Ecology (Ecology) reviewed the referenced letter and enclosures to confirm that all Class 1 Modifications and Class 1¹ Modifications to the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste* (Permit) for the quarter ending September 30, 2014, were identified, reviewed, and approved.

Listed in this letter for the modifications are page numbers of the Hanford Facility RCRA Permit Modification Notification Forms, unit groups in the Permit being modified, class of the modifications, and summaries of the modifications. These are in the enclosures of the referenced letter.



Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility (LERF/ETF)

The following modifications to LERF/ETF, Part III, Operating Unit Group 3 are approved:

Page	Section Modified	Modification Class
Page 2 of 2	Hanford Facility RCRA Permit III.3 Conditions, Section III.3.E.1	Class 1

The modifications to the LERF/ETF, dated September 18, 2014, updates Permit Condition III.3.E.1 by revising the link to the II.M condition.

242-A Evaporator (Section 6)

The following modifications to the 242-A Evaporator, Part III, Operating Unit Group 4 are approved:

Page	Section Modified	Modification Class
Page 2 of 26	Hanford Facility RCRA Permit III.4 Unit-Specific Conditions	Class 1
Page 3 of 26	Section 6.0	Class 1
Page 4 of 26	Section 6.1	Class 1
Page 5 of 26	Section 6.2.1	Class 1
Page 6 of 26	Section 6.2.2	Class 1
Page 7 of 26	Section 6.2.2.1	Class 1
Page 8 of 26	Section 6.2.2.2	Class 1
Page 9 of 26	Section 6.2.2.3	Class 1
Page 10 of 26	Section 6.2.2.4	Class 1
Page 11 of 26	Section 6.2.2.6	Class 1
Page 12 of 26	Section 6.2.4	Class 1
Page 13 of 26	Section 6.2.6	Class 1
Page 14 of 26	Section 6.3.1	Class 1
Page 15 of 26	Section 6.3.2	Class 1
Page 16 of 26	Section 6.3.2.2	Class 1
Page 17 of 26	Section 6.3.2.3	Class 1
Page 18 of 26	Section 6.3.3	Class 1
Page 19 of 26	Section 6.4.1	Class 1
Page 20 of 26	Section 6.4.2	Class 1
Page 21 of 26	Section 6.4.3	Class 1
Page 22 of 26	Section 6.4.4	Class 1
Page 23 of 26	Section 6.4.5	Class 1
Page 24 of 26	Section 6.5.1	Class 1
Page 25 of 26	Table 6.1	Class 1
Page 26 of 26	Table 6.2	Class 1

The modifications to the 242-A Evaporator, dated September 23, 2014, updated Chapter 6.0 to accurately communicate the procedure to prevent hazards information at the 242-A Evaporator. The modifications included adding detailed information, deleting incorrect information, and editorial corrections.

242-A Evaporator (Section 7)

The following modifications to the 242-A Evaporator, Part III, Operating Unit Group 4 are approved:

Page	Section Modified	Modification Class
Page 2 of 13	Hanford Facility RCRA Permit III.4 Unit-Specific Conditions	Class 1
Page 3 of 13	Section 7.3	Class 1
Page 4 of 13	Section 7.3.1	Class 1
Page 5 of 13	Section 7.3.2.5	Class 1
Page 6 of 13	Section 7.3.2.6	Class 1
Page 7 of 13	Section 7.3.2.7	Class 1
Page 8 of 13	Section 7.4.2	Class 1
Page 9 of 13	Section 7.4.3	Class 1
Page 10 of 13	Section 7.4.5	Class 1
Page 11 of 13	Section 7.4.6	Class ¹ 1
Page 12 of 13	Section 7.6	Class 1
Page 13 of 13	Section 7.7	Class 1

The modifications to the 242-A Evaporator, dated September 23, 2014, updated Chapter 7.0 to accurately communicate the contingency plan at 242-A Evaporator by adding detailed information, deleting incorrect information, and editorial corrections.

325 Hazardous Waste Treatment Units

The following modifications to the 325 Hazardous Waste Treatment Units, Part III, Operating Unit Group 5 are approved:

Page	Section Modified	Modification Class
Page 2 of 2	Hanford Facility RCRA Permit III.5 Conditions, Section III.5.E.1	Class 1

The modifications to the 325 Hazardous Waste Treatment Units dated September 18, 2014, updates Permit Condition III.5.E.1 by revising the link to the II.M condition.

Waste Treatment and Immobilization Plant (WTP)

The following modifications to the WTP, Part III, Operating Unit Group 10 are approved:

- 24590-LAW-PCN-ENV-13-005, Class ¹1 Modification provides the updated *IQRPE Structural Integrity Assessment Report For LAW LVP Caustic Collection Tank (LVP-TK-00001)* in Appendix 9.11. This modification also provides the updated Mechanical Data Sheet for the LAW Caustic Collection Tank and replaces the Equipment Assembly Drawing for LVP-TK-00001, with the vendor drawings provided in 24590-LAW-VDCN-M-13-00001 in Appendix 9.6. Ecology approved the Hanford Facility RCRA Permit Modification Notification Form on July 3, 2014.
- 24590-LAW-PCN-ENV-14-003, Class ¹1 Modification provides the updated Piping and Instrumentation Diagrams for the Low-Activity Waste Radioactive Liquid Waste Disposal System Process and Effluent Cell Sumps in Appendix 9.2. Ecology approved the Hanford Facility RCRA Permit Modification Notification Form on September 10, 2014.
- 24590-WTP-PCN-ENV-14-004, Class 1 Modification provides the updated Piping and Instrumentation Diagram 24590-WTP-M6-50-00002, Revision 5, *Symbols and Legend* (sheet 2 of 8) in Appendix 7.2. Ecology approved the Hanford Facility RCRA Permit Modification Notification Form on September 18, 2014.
- 24590-HLW-PCN-ENV-13-001, Class ¹1 Modification provides updated Piping and Instrumentation Diagrams for the High-Level Waste Melter Process System in Appendix 10.2. Ecology approved the Hanford Facility RCRA Permit Modification Notification Form on September 18, 2014.

If there are any questions regarding this letter, please contact Annette Carlson, Acting Site-wide Revision 8C Dangerous Waste Permit Coordinator, at annette.carlson@ecy.wa.gov or (509) 372-7897.

Sincerely,



Suzanne Dahl
Tank Waste Treatment Section Manager
Nuclear Waste Program

ac/jc

cc: See page 5

cc electronic:

Dave Bartus, USEPA
Dennis Faulk, USEPA
Cliff Clark, USDOE
Brian Harkins, USDOE
Paul Harrington, USDOE
Rob Hastings, USDOE
Lori Huffman, USDOE
Tony McKarns, USDOE
Barry Curn, BNI
Brad Erlandson, BNI
Roger Landon, BNI
Sandi Murdock, BNI
Brett Peck, BNI
Brett Barnes, CHPRC
Ted Hopkins, CHPRC
Moussa Jaraysi, CHPRC
Jennie Seaver, CHPRC
Lori Fritz, MSA
Eric Damberg, PNNL
Harold Tilden, PNNL

Stuart Harris, CTUIR
Russell Jim, YN
Steve Hudson, HAB
Ken Niles, ODOE
Robin Priddy, BCAA
John Martell, WDOH
Jennifer Cantu, Ecology
Annette Carlson, Ecology
Mandy Jones, Ecology
Ron Skinnerland, Ecology
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cc: Katherine Kelly, USEPA
Kirk Peterson, MSA
Michael Wilson, MSA
Karl Hadley, WCH
Jessica Joyner, WRPS
Phillip Peistrup, WRPS
Donna Yasek, WRPS
Gabriel Bohnee, NPT
Alyssa Buck, Wanapum
John Fowler, ACHP
Tim Erkel, USACE
Larry Klimek, USFW
John Wiesman, WDOH
Ted Maxwell, WSDA
Allyson Brooks, WSDAHP

Shane Early, WSDNR
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